MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

~~Bill~~ E-BILL

495954

Name of nature of Agency ..... From ..... To .....

Name of work ..... B.B. Umesh Contractor, #385, 1 Near Agency Temple

D.O. Recordy : 08-11-2019 Beltahalsur

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
Name of work :-		Package No-4, includes-7 works				
(1)		Imp.to Roads and drains at Amruthahalli main Road (contyg 40 and surrndg area in W-07. (2) Imp.to Roads and drains at Bhadrappa 40 and balaji 40 and surrndg area in W-08. (3) Imp to Road and drains in Kodigehalli colony, Amruthnagara, DB Road, and surrndg area in W-08. (4) Imp to Roads and drains in BEL 40, Ramu 40, Raghavendra Nagar (West) thindlu and surrndg area in W-09. (5) Imp.to Roads of drains in thindlu colny, Narasipura 40 kempegowda Nagar and surrndg area in W-09 (6) Imp.to Roads and drains in Muthuraya, Swamy 40				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	doddaboramasandra, Nayappa Lo, Chamundeshwarinagar Lp in W-1a						
	(7) Imp. to Roads of drains in Kuruburahalli, Singapura, Ramachandra pura and surrounding area in Ward NO-11.						
	Estimated cost : Rs 582.00 Lakhs						
	JOB. NO = 009-19-000106, 008-19-000024, 008-19-000055 009-19-000030, 010-19-000011, 011-19-000282						
	modified Estimate sanctioned Date = 28.10.2019 and Amt = 5,78,39,506/-						
	Head of A/C = P-3111. P-3409.						
	Work order NO = BBMP/EE/DPD/WO/110/2019-20 Dt 17-10-2019						
	Ward NO11 Work						
	"ABSTRACT"						
(1)	Removing and Resetting of foot path slab etc complete as						

BOOK

s		Contents	Refere to las Measure
adth 5	Depth 6	7	8
...ndyar Up in W-to ...ingapuram, Ramachandy			
			008-19-000024, 008-19-000035
			0180-19-000011, 011-19-000288
			and Amt= 5,78,39,506/7)
			9.
			/WO/110/2019-20 Dt 17-10-2019
			ete Complete as

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495955

From..... To.....

Name of Agency .....

Name of work .....

Description etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
As per specification						
Supply E-Bill:- pre-mix carpet. I/c no-①						
P.No ②	1	606.60	m^2 @	235.97/m^2		143139.00
Providing bituminous course 50 mm to 75 mm thickness using pre mix carpet/ surface dressing by Road Roller attached without disturbing the base and stacking the stone chips in a lead of 100 mts including costing all labour and machineries complete as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measure
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	
		qty take f. bill pre-measurement					
		It no (1) f. p.no (4)				= 5695.25 m³ @ 46.71/m³	266025.00
(2)	Earthworks excavation by manual means in ordinary dual soil for varying an average horizontal throw upto 2m and an average lift upto 0.50m, excavated surface levelled and duly marked, the disposed earth to be levelled neatly after bringing of clods complete as per specification and						
		qty take f. Bill pre-measurement					
		It no (3) p. no (6)				= 1019.94 m³ @ 155.71/m³	158815.00

BOOK

ns		Contents	Refere to la Measur
eadth 5	Depth 6	7	8
ll	pre-measurem		
o (4)	= 5695.25 M²		266025.00
	@ 46.71/M²		
n ordinary	[illegible]		
m ad an	avrge		
and	Ady Quality		
d Quality	affn breadg		
t			
Bill	pre-measurem		
no (6)	= 1019.94 M³		158815.00
	@ 155.71/M³		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495956

From..... To.....

Name of Agency .....

Name of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
Forming Granular sub-base grading V- an Sub-base and base layers by providing coarse aggregate graded crushed aggregate of granite/trap/Laterite material, spreading in [illegible] were placed at one, Carrying of mixed materials to site, spreading in uniform layers with motor graded and [illegible] compacting with vibrating power Roller to [illegible] proper density, complete as per specification. Qty vide V-Revision.						
Qty vide. E-Bill	pre-measurem					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to M. Meas.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		As per	E-2	p. no	(7) =	310.774 m³	700556.00
						@ 2254.26/m³	
3)	providing, laying, spreading and compacting graded stones aggregate in wet mix macadam specification including premixing the material with water at one in mechanical mix plants at one, carriage of mixed material to work site, spreading in various layers with motor graded on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specification, clear lift of more than 1.5 m. Revision.						
		Qty as per	E-Bill		pre-measured		

Finishing and applying ... to 12.2 kg per ... respectively ... with base M.C. 70 ... at layer/10 m2 ... including cost ... complete

BOOK

sions		Contents	Refer to l Measur
Breadth 5	Depth 6	7	8
p.no	(7) =	310.774³ @ 2254.26/y³	700556.00
ly graded stones aggyk			
eady premixing te			
chanical mix plant			
to WORK site, spreadg			
on prepared surface			
Roller to achieve the			
specifications, clear			
R - Bill	pre-measurab		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495957

From..... To.....

Name of Agency .....

Name of work .....

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
11 nos	(3) . p.no	(9) = @ 2261.50/y³		1859.154³	4204468.00
				4.5020	9.8kg

applying primer coat from 4.5020 9.8kg
10 sqm for surfaces of low absorptive
over prepared surface of granular base
any other bituminous material with
heated in bitumen boiler fitted with
all materials, labour, plant etc
complete as per specification.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measu.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		qty wise		E-bill. pvt. measurement			
		1st no. (5)	p. no (11)			= 6655.304²	27,010.00
						@ 40.73/sq.m	
5)	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formulae for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in Hot mix plant, transporting the mixed material in tippers to paver and laying mixed materials with paver finisher to the required level and grade, Rolling by power Roller to achieve the desired density, but excluding cost of prime/tack coat including lead, lift and costing all						

OK

Depth 6	Contents 7	Refer to l Measur 8
1. pre-measurements		
(11) = 6655.304 m² @ 40.73/m²		2,71,010.00
preparing surface for mixing with f.e loader, mix plant, and laying mixed and grade, ly, but excluding ual costing of		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495958

From..... To.....

Name of Agency .....

Name of work .....

Description, etc. of work	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Supply of machinery complete as per specification 10/12 ton capacity ramp with mechanical [illegible] with 2.4% VG-30 bitumen.						
City wide pre-measurement e.bill, 2nd no						
P.O.B (13) = 332.77 m² @ 6974.79/m²						23,21,001.00
Supply grade coat with 80/100 grade bitumen applying spray sch distributor @ 0.20 kg/m² bituminous surface cleaned with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measu.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	mechanical brooms, complete as per specification.						
	Qty vide E-Bill pre-measurements						
	# No. ⑥ p. No ⑮ = 8809.55 m²						
	@ 14.37/m²						126593.-
.7)	Providing and laying bituminous concrete 40mm thick using 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes/hr using crushed aggregate of specified grading premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade level and alignment, Rolling with smooth wheeled, Vibratory and tandem Rollers to						

OOK

th	Depth 6	Contents 7	Refer to l Measur 8
		pre-measurements	
		= 8809.55 sq.m @ 14.37/sq.m	126593.00
		thickness 100-120	
		average output of	
		laying granite premix	
		and filler, transporting	
		the paver finisher	
		level and alignment,	
		and tandem Rollers to	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495959

From..... To.....

Name of Agency .....

Name of work .....

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
				corrections as per norms specifications clause	
				all respects. as per specification,	
				Qty vide E-Bill - II no. (7) . pno (3)	
				= 352.38 sq.m @ 1021.99/sq.m	35,31,549.00
				hot applied thermoplastic compound	
				neglecting glass beads, at 2 kgs/sq.m	
				is exclusive of surface applied glass	
				the finished surface to be level,	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	uniform and free from streaks and hole complete as per specification.						
		Qty vide E-Bill Ref no-①				p.rate ④	
		=	330.10	m^2	513.86	m^2 =	169625.00
					Total	Rs	1,18,92,879.00
			Add 12% Applicable			GST	14,27,145.00
						Grand Total	Rs 1,33,20,204.00
	Certificate						
	① certified that the contractor has work done satisfactorily.						

OOK

dth	Depth 6	Contents 7	Refer to l Measur 8
plate as		perspecti-	
ll 1/2 no-(9)		p.no (4)	
e	513.86	Y^2 =	169625.-
	Total	Rs	1,18,92,879/-
Applicable		GST	14,27,145.-
	Grand Total	Rs	1,33,20,204/-
work done			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495960

From..... To.....

.....

.....

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
				received the delivery from work site, supplied to contractor.	

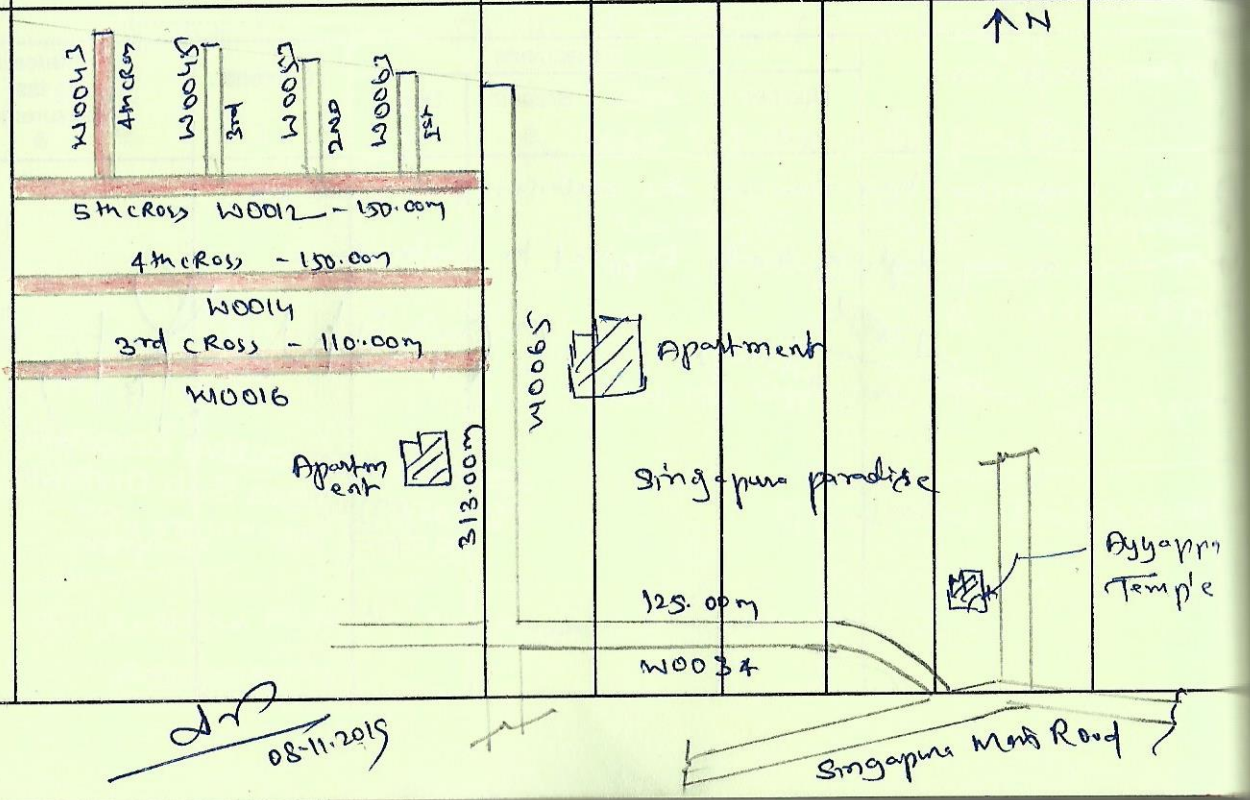
8-11-2019

8/11/19

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref to Meas
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	



BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		↑N	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495961

From..... To.....

Dimensions				Contents 7	Reference to last Measurement 8
Number 3	Length 4	Breadth 5	Depth 6		
Commander Glory Apartments				WORK Asphalting to Road